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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Marcos C. Tzannes

Serial No. 09/836,295

Filed: April 18, 2001

For: Systems And Methods For A Multicarrier

Modulation System With A Variable Margin

Examiner: Not yet assigned

Group Art Unit: 2631



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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, DC 20231

November 16, 2001

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. §1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

The documents are being submitted within three (3) months of the filing of this application or entry into the national stage of this application, or before the first Office Action on the merits, whichever is later, therefore no fee or certification is required under 37 C.F.R. § 1.97(b). These references were cited in a counterpart PCT Application. A copy of the corresponding Search Report is enclosed for the Examiner's convenience.

It is requested that the accompanying information disclosure statement be considered and made of record in the above-identified application. To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

The Commissioner is hereby authorized to charge any fees connected with this filing which may be required now, or credit any overpayment to Deposit Account No. 19-2380.

Respectfully submitted,

By: _____

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PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/836,295
		Filing Date	April 18, 2001
		First Named Inventor	Marcos C. Tzannes
		Group Art Unit	2631
		Examiner Name	Not yet assigned
		Attorney Docket Number	081513-59

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		5,822,374		Levin	10-13-1998	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office ³	Number ⁴ (if known)			
			WO 99/20027	AWARE, Inc.	04-22-1999	
			WO 98/11845	AWARE, Inc.	12-17-1998	
			EP 0 918 422 A2	Motorola, Inc.	05-26-1999	
			EP 0 955 744 A2	Nec Corporation	11-10-1999	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Colin et al., "QoS Considerations For DMT-based ADSL and VDSL Systems" IEEE International Conference on Acoustics, Speech And Signal Processing, 12-15 May 1998, pages 3437-3440, XP 000951196	
		"Spectrum Management For Loop Transmission Systems" ANSI DRAFT, pages I-110, XP 002178517.	
		International Search Report dated October 9, 2001.	

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

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